

Influence of Firing Temperature and Schedule on
the Structure-Formation and Strengthening
Processes of Fluxed Iron-Ore Pellets,
Communication 2, by A.G. Rusakova and I.A. Kopyr
in,
RUSSIAN, per. Izv VUZ Chern Met., No 10, 1971,
pp 25-29.
BISI 9983

Aug 72

A. N. Korneeva

Thermodynamics and Mechanism of the Direct
Reduction of Coloured Oxide Films on Iron.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Chernaya Metallurgiya, No 10, 1971,
pp 18-21.

Order from BISI as BISI 9982
NTC 72-60702-11F

Nov 72

Investigation of the Distribution of Liquids
in Venturi Tubes, by S.B. Stack,
RUSSIAN, per. Izv. VUZ Chern Met., No 9,
1971, pp 144-147.
BISI 9904

Mar 72

Mathematical Planning of Experiments in Investigating Plasticity on the Plastometer-1,
by T. Van Kau,
RUSSIAN, per. Izv VUZ Chern Met., No 9, 1971,
pp 83-86.
BISI 9902

June 72

S. Ye. Volkov

Effect of Surface Tension on the Removal of Non-Metallic Inclusions When Treating Metal With a Slag.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeni. Chernaya Metallurgiya, No 9, 1971, pp 50-53.

Order from BISI as BISI 9901
MTC72-60700-11F

Nov 72

The Quantity of Metal Shot in Basic Open
Hearth Slag, by L.S. Rybakov,
RUSSIAN, per. Izv. VUZ Chern Met., No 9, 1971,
pp 46-49.
BISI 9900

Mar 72

Mineralogical Investigation of the Reaction
Products of Calcium Ferrites and Aluminates,
by S.F. Akihmetov,
RUSSIAN, per. Izv VUZ Chern Met., No 9, 1971,
pp 20-24.
BISI 9898

Mar72

G. Z. Koval'chuk

Isothermal decomposition of austenite in welded billets
of grades St. 5sp and 35GS of steels

RUSSIAN, per, Izv VUZ Chern Met. No 8, 1971

pp 145-149

BISI 9781

may 72

Changes of Shape and Force Parameters When
Rolling Oval Stock in an Oval Pass - 1,
by V.K. Smirnov,
RUSSIAN, per. Izv. VUZ Chern Met., No 8, 1971,
pp 111-116.
BISI 9780

Mar 72

Investigation of Stresses in the Stock in Sheet
Rolling, by G.D. Del',
RUSSIAN, per. Izv VUZ Chern Met., No 8, 1971,
pp 90-94.
BISI 9779
BISI-71-60849-114

Jul 72

Yu. S. Shchekalev

Influence of Slag Composition on the Sequence
of the Oxidation of Impurities in Vanadium-
Containing Pig Iron.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Chernaya Metallurgiya, No 8, 1971,
pp 63-66
NTC 72-60339-13H

sept 72

I. K. Boriakin

Certain Technico-Economic Indices for the
Production and Use of Sinter Metallized During
Sintering.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavadenii. Chernaya Metallurgiya, No 8, 1971,
pp 49-52

NTC 72-60352-13H

sept 72

Influence of Firing Temperature and Schedules of
Structure-Forming and Strengthening Processes in
Fluxed Iron Ore Pellets. Communication I, by
A. G. Rusakova.

RUSSIAN, per, Izv. VUZ. Chern. Met., No 8, 1971
pp 40-43.

BISI 9774

Oct 72

Effect of the Nature of the Second
Component on the Activity of
Magnetite in the Binary Solid
Solution $\text{Fe}_3\text{O}_4\text{-MgMe}_2\text{O}_4$ ($\text{Me}=\text{Al}, \text{Cr}, \text{V}$),
by G. M. Pismenskaya.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya Metallurgiya,
No 8, 1971, pp 20-22
NTC 72-11894-11F

June 72

Kinetics of the Solution of Tin in
Fe-Ni Alloys, by V. I. Tomilov.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 8, 1971, pp 5-7
NTC 72-11896-11F

June 72

N. P. Bannyi

Economic Benefits of Making Synthetic Cast Iron.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Chernaya Metallurgiya, Vol 14, No 7,
1971, pp 182-185
NTC 72-60324-13H

sept 72

The Introduction of Corrections During
the Investigation of Flow Mixing
Processes Using Models, by

A. V. Grechko.

RUSSIAN, per, Izvestiya Vysshikh

Uchebnykh Zavedenii. Chernaya

Metallurgiya, No 7, 1971, pp 171-172

NTC 72-11895-20D

June 72

Research Using a Model Into the
Aerodynamics of Flames and Their
Interaction With Furnace Baths,
by L. F. Chugunov.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 161-163
NTC 72-11882-21B

June 72

Certain Acoustic Properties of Cast Iron,
by B.M. Zlobinskii,
RUSSIAN, per. Izv VUZ Chern Met., No 7, 1971,
pp 153-155.
BISI 9743

Feb 72

Effects of Stress Raises on the
High-Temperature Strengths of
Certain Alloys, by A. A. Klypin.
RUSSIAN, per, Izvestiya Vseshiikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 145-148
NTC 72-11899-11F

Completes Special CSO: 02536/72
7pp.

June 72

Coagulation of the Dispersed Phases
During the Tempering of Hardened
Steel, by V. I. Psarev.

RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 127-131
NTC 72-11897-11F

June 72

Effect of Variations of Composition and
Temperature on the Energy of Stacking Defects
in Ferromagnetic Alloys', by Ya/D. Vishnyakov,
RUSSIAN, per. Izv VUZ Chern Met., No 7, 1971,
pp 122-126.
BISI 9742

Feb 72

The Effective Radius of an Atom of
Metal in a Model of Spheres of
Interaction, by E. S. Filippov.
RUSSIAN, per, Izvestiya Vsesoyuznogo
Nauchno-Issledovatskogo Tsentra
Metallurgiya, No 7, 1971, pp 114-118
NTC 72-11880-11F

June 72

Equipment for Investigating the
Rheological Characteristics of
Materials, by Ya. M. Okhrimenko.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 110-113
NTC 72-11881-14B

June 72

The Random Movement of Dislocations
in the Chronologically Periodic
Stress Field, by B. A. Vershok.
RUSSIAN, per, Izvestiya Vsesoyuznogo
Nauchno-Issledovatskogo Tsentra
Metallofiziki, No 7, 1971, pp 100-104
NTC 72-11890-20K

June 72

Conditions Under Which Sheets Are
Distorted During Cold Rolling,
by N. E. Skorokhodov.

RUSSIAN, per, Izvestiya Vysshikh

Uchebnykh Zavedenii. Chernaya

Metallurgiya, No 7, 1971, pp ~~64-66~~ 96-99

NTC 72-14893-13H

11891

June 72

Regulation of the Transverse Thickness
Variation of Thin Sheet, by A. G. Ablev.
RUSSIAN, per, Izvestiya Yuzhnikh
Uchebnykh Zavedenii. Chernaya Metal-
lurgiya, No 7, 1971, pp 90-95
NTC 72-60131-13H
BISI 9741

June 72

Geometrical Parameters of the De-
formation Zone in Skew-Rolling
Mills, by V. Ya. Osadchii.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 79-82
NTC 72-11892-13H

June 72

Investigation of the Process Power
and Force Parameters During the
Rolling of Rings, by P. I. Polukhin.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii, Chernaya
Metallurgiya, No 7, 1971, pp 64-66
NTC 72-11893-13H

June 72

The Nitrogen Balance in a Kh18N10T Electric
Steel Melt, by A.V. Rabinovich,
RUSSIAN, per. Izv. VUZ Chern Met., No 7, 1971,
pp 60-63.
BISI 9739

Feb 72

An Electrical Model of the Flue
Systems of Open-Hearth Furnaces.
Part 1, by N. G. Chuvikin.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii, Chernaya
Metallurgiya, No 7, 1971, pp 52-55
NTC 72-11884-11F

June 72

Theoretical Calculation of Stock Voidage
Down the Blast Furnace, by N. Pokhvisnev.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii, Chernaya Metallurgiya,
No 7, 1971, pp 25-27
NTC 72-60146-13H

June 72

Sintering Process Indices with the Use of Fuel
Made from Gas Coals, by E. F. Vegman,
RUSSIAN, per. Izv. VUZ Chern Met., No 7, 1971,
pp 20-22.
DISI 9737

Feb 72

Investigation of the Process of
Reduction of Niobium Pentoxide by
Methane in a Pseudo-Liquefied
Layer, by Yu. A. Pavlov.

RUSSIAN, per, Izvestiya Vysshikh
Uchebnikh Zavedenii. Chernaya
Metallurgiya, No 7, 1971, pp 5-7
NTC 72-11898-11F

June 72

Determining the Pressure Exerted on the Rollers
of an Undriven Straightening Machine,
by Yu. V. Petrov,
RUSSIAN, per. Izv. VUZ Chern Met., No 6, 1971
pp 175-178.
BISI 9673

Nov 71

Assessing the Quality of Cast Surfaces,
by A. S. Andrianov.
RUSSIAN, per, Investiya Vysshikh
Nauchnykh Zavedanii. Chernaya Metallurgiya.
No 6, 1971, pp 145-147
NTC 72-60142-13H

June 72

Influence of Micro-Defects and Graphite Porosity
on the Strength, Elastic and Damping Propert-
ies of Cast Iron, by Yu. D. Chizhenko and
A. Ya. Kharpov,
RUSSIAN, per. Izv.VUZ Chern Met, 1971, pp 135-
137.
BISI 9671

Nov 71

Effects of the Structure of Alloys with Poor
Workability on Their Technological Properties,
by I. G. Lyapichev,
RUSSIAN, per. Izv VUZ Chern Met., No 6, 1971,
pp 128-131.
BISI 9670

Ncv 71

Features of Cavitation Fracture in
Refractory Metals and Alloys, by
I. N. Bogachev.
RUSSIAN, per, Isvestiya Vysshikh
Uchebnykh Zavedenii. Chernaya Metallurgiya.
No 6, 1971, pp 111-116
NTC 72-60141-11F
BISI 9669

June 72

Power Parameters when Rolling Square Stock in
an Oval Pass, by V.I. Nikitin and V.K. Smirnov,
RUSSIAN, per. Izv. VUZ Chern Met., No 6, 1971,
pp 98-101.
BISI 9668

Nov 71

Investigation of the Specific Pressure Distribution During Roll-Forging on an Industrial Mill,
by A. P. Chekmarev,
RUSSIAN, per. Izv. VUZ Chern Met., Vol 14,
No 6, 1971, pp 94-97.
EISI 9667

Nov 71

Investigation of the State of Oxidation of the
Metal in the Converter Melting of an Inter-
mediate Product into Steel, by O.A. Charushnikov
RUSSIAN, per. Izv. VUZ Chern Met., No 6, 1971,
pp 49-53.
BISI 9666

Nov 71

Scab Formation in Blast Furnaces, by N. Luganin
and I. G. Luganina,
RUSSIAN, per. Izv. VUZ Chern Met., No 6, 1971,
pp 43-45.
BISI 9665

Nov 71

The Effect of Short-Range Order on
the Solubility of Nitrogen in Liquid
Fe-Ni-Co Alloys, by M. S. Petrushevskii.
RUSSIAN, per, Izvestiya Vsesoyuznogo
Uchebnogo Zavedeniya. Chernaya Metallurgiya.
No 6, 1971, pp 8-11.
NTC 72-60130-11F

June 72

Local Measurement Used for Determining the Amount
and Heat Content of Flue Gases, by S. N. Gushchin, et al.
RUSSIAN, per, Izv VUZ Chern Met., No 5, 1971, pp 170-
73.
BISI 9560

Nov 71

Formation of Spheroidal Graphite in Synthetic Fe-C
Si alloys, by L. I. Levi, et al.
RUSSIAN, per, Izv VUZ Chern Met. No 5, 1971, pp 155-
157.
BISI 9557

Nov 71

Effects of the Rate at Which Metal is Cooled on the
Distance Between Dendrite Axes, by I. B. Gutovskii.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 151-
154.
BISI 9562.

Nov 71

Magnetometric Investigation of the Phase Composition
During Annealing of Pig Iron, by Yu. A. Sysuev, et al.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 146-
48.
BISI 9561

Nov 71

Interaction Between Titanium and Rarefied Air During
Electric Heating, by I. N. Kidin, et al.

RUSSIAN, per, Izv VUZ Chern Met., No 5, 1971, pp 139-
142.

BISI 9559

Nov 71

Research Into the Anisotropy of the Modulus of
Elasticity of Permalloys After Heat and Magnetic
Treatment, by B. G. Livshits, et al.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 128-
130.
BISI 9563

Nov 71

Determination of the Surface Energy of Transformer
Steel by the Relaxation Method, by Yu. S. Avraamov, et al.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 120-
122.
BISI 9556

Nov 71

Investigation of the Resultant Position in Cross
Helical Rolling, by A. P. Kolikov, et al.
RUSSIAN, por, Izv VUZ Chern Met, No 5, 1971, pp 100-
01.
BISI 9558

Nov 71

Calculating the Reduction Conditions in a Continuous
Hot Wide Strip Mill Using An Electronic Computer, by
M. I. Boyarshinov.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 89-90.
BISI 9564

Nov 71

Computer Assisted Investigation of the Levelling
Action of Tension During Cold Rolling, by I. M. Pavlov,
et al.

RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 74-76.
BISI 9565

Nov 71

Theoretical Analysis of the Deformed State of Metal
in Stretching, by P. F. Ivanushkin.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 66-69.
BISI 9566

Nov 71

Optimizing the Process of Slag Formation, by
V. S. Kocho, et al.
RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 47-49.
BISI 9567

Nov 71

Application of Mossbauer Effect for Monitoring
Production of Metallized Pellets, by Yu. B. Voitkovskii,
et al.

RUSSIAN, per, Izv VUZ Chern Met, No 5, 1971, pp 23-26.
BISI 9568

Nov 71

Variation of the Principal Rolling Parameters
in the Retardation and Acceleration Schedules
of a Continuous Mill, by V.P. Polukhin,
RUSSIAN, per. Izv. VUZ Chern Met., No 4, 1971,
pp 79-83.
BISI 9470

Sep 71

Entrainment of Air by Steel in Teeming, by
I.B. Parmonchik,
RUSSIAN, per. Izv. VUZ Chern Met., No 4, 1971,
pp 54-57.
BISI 9468

Sep 71

Mineral Composition and Softening Temperature
of Magnesia-Bearing Sinter of Different Basicity
and its Behaviour in the Blast Furnace,
by M.S. Bykov,
RUSSIAN, per. Izv. VUZ Chern Met., No 4, 1971,
pp 40-43.
BISI 9467

Sep 71

S. G. Bratchikov

Change in heat capacity of iron-ore pellets
in the process of oxidizing roasting. 6 pp
RUSSIAN, Izv. VUZ. Chernaya metallurgiya,
No 4, 1971, pp 32-34
AIR/FTD-MT-24-1918-71
BIAI 9466

oct 72

Investigations of the High-Temperature
Thermodynamics of the Ca- -O-C System,
M.S. Krushchev,
RUSSIAN, per. Izv. VUZ Chern Met., No 4, 1971,
pp 24-27.
BISI 9455

Sep 71

Variation in Gas Content During Inoculation of
Cast Iron with FtsM-5 Alloy, by K. I. Vashch-
enko,
RUSSIAN, per. Izv. VUZ Chern Met., No 3, 1971,
pp 142-145.
BISI 9434

Sep 71

Eutectoid Transformation in White Cast Iron,
by L. T. Kalinina,
RUSSIAN, per. Izv. VUZ Chern. Met., Vol 14,
No 3, 1971, pp 136-137.
BISI 9433

Aug 71

Recrystallization and Precipitation Processes
in Molybdenum Alloys, by Yu, A. Skakov,
RUSSIAN, per. Izv. VUZ Chern. Met., No 3,
1971, pp 114-118,
BISI 9437

Sep 71

Features of the Rolling of Weld Joints on
Continuous Wide Strip Mills, by D.M. Zaugolniko
ov,
RUSSIAN, per. Izv. VUZ Chern Met., Vol 14,
No 3, 1971, pp 93-97.
BISI 9436

Sep 71

Process Algorithms for the Change in Continuous
Mill Strip Temperature, by Yu.D. Zheleznov,
RUSSIAN, per. Izv. VUZ Chern Met., Vol 14,
No 3, 1971, pp 71-73.
BISI 9435

Sep, 71

REQ TR CHECK

31-1-31

TAZ8

METHOD OF ADJUSTING DEFORMATION RESISTANCE
TESTS BASED ON CYLINDRICAL SAMPLES SO AS TO
ALLOW FOR THE HIGH SPEED DEFORMATION AND...

TYULENEV G G

UR: IZVESTIYA. V.U.Z., KCHERNAYA MET.,
(IZVESTIYA VYSSHIKH UCHEBYKH ZAVEDENIY,
CHERNAYA METALLURGIYA), 1971, nr 3,
pp 65-66

In process as
HT 23-72-404
Negative

14 FEB
1972

Research into some of the Parameters of Heats
in Vacuum Arc Furnaces, by M.E. Al'perovich,
RUSSIAN, per. Izv. VUZ Chern Met., No 3, 1971,
pp 57-60.
BISI 9432

Sep 71

The Thermal Effect of Deoxidation Processes and
of Alloying Steel in the Ladle-11, by
I.P. Kazachkov,
RUSSIAN, per. Izv. VUZ Chern Met., No 3, 1971,
pp 52-56.
BISI 9431

Sep 71

Rapid Method of Determining Carbon and Oxygen
in Solution in Molten Metal, by G. N. Oiks and
M.V. Abdel Salam,
RUSSIAN, per. Izv. VUZ Chern Met., No 3,
1971, pp 43-47.
BISI 9425

Aug 71

Fuel for Sintering Iron Ores, by E.F. Vegman,
RUSSIAN, per. Izv. VUZ Chern Met., No 3, 1971,
pp 23-26.
EISI 9426

Sep 71

Calculation of the Trajectories of the Rod
Suspension Points of the Bell-Control Mech-
anism on a Blast Furnace, by L. A. Dem'yanets,
RUSSIAN, per. Izv. VUZ Chern. Met., No 2,
1971, pp 167-171.
BISI 9386

Jul 71

Characteristics of Interference Used for
Representing Metallurgical Factors,
by P.M. Maslovskiy,
RUSSIAN, per. Izv. VUZ Chern Met., No 2, 1971,
pp 146-149.
BISI 9385

Aug 71

Yu. M. Absalov

Study of the thermal conductivity of a layer of lump material. 6 pp.

RUSSIAN, per, Izv. VUZ. Chernaya metallurgiya, Vol 14, No 2, 1971, pp 142-145

AIR/FTD-HC-23-90-72

sept 72

V. Lisiyenko

Radiation properties of a high-temperature
layer of soot particles. 6 pp.

RUSSIAN, Izv. VUZ. Chernaya Metallurgiya,

Vol 14, No 2, 1971, pp 138-141

AIR/FTD-HC-23-87-72

oct 72

The Wear Resistance of Chill Iron Castings with
Interdendritic Disperse Graphite, by
G.G. Boiko,
RUSSIAN, per. Izv. VUZ Chern Met., No 2, 1971,
pp 125-127.
BISI 9384

Sep 71

Isothermal Decomposition of Overcooled Nitrogen
Austenite in Iron-Silicon Alloys, by
A.V. Belotskiy,
RUSSIAN, per. Izv. VUZ Chern Met., No 2, 1971,
pp 109-112.
BISI 9383

Sep 71

N. A. Karpov

Microstructure and Super-Plasticity of High-Chromium Cr-Ni-Fe Alloys.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh

Zavedeni. Chernaya Metallurgiya, Vol 14,

No 2, 1971, pp 105-108

NTC 72-12801-11F

sept 72

Laser Beam Promoted Saturation of Iron by
Tungsten, by L.I. Mirkin,
RUSSIAN, per. Izv. VUZ Chern. Met, Vol 14,
No 2, 1971, pp 98-101.
BISI 9382

Aug 71

Investigation of Forward Slip in the Rolling
of Heavy-Gauge Strip, by V.N. Ydrin,
RUSSIAN, per. Izv. VUZ Chern Met., Vol 14, No 2,
1971, pp 75-78.
BISI 9381

Aug 71

Effect of Some Factors on Shape of
Particles During Pulverization of
Metallic Melts by Compressed Air,
by B. D. Fishman.

RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii, Chernaya Metallurgiya,
No 2, 1971, pp 68-70
NTC 72-12131-13H

July 72

Activity of Components in the Binary Alloys
Si-Ai, Si-Mn, and Si-Cr, by S.T. Postovstev,
RUSSIAN, per. Izv. VUZ Chern Met., No 2,
1971, pp 61-63.
BISI 9380

Aug 71

Assimilation of Oxygen by the Open Hearth Bath
During Injection, by A.V. Geineman and
M. Ya. Medzhibozhskiy,
RUSSIAN, per. Izv. VUZ Chern Met., No 2, 1971,
pp 46-50.
BISI 9379

Aug 71

S. G. Bratchikov

Change in the enthalpy of magnetite concentrates from the Sokolovsk-Sarbaisk mining-concentration combine during heating in an oxidizing medium. 5 pp.

RUSSIAN, Izvestiya VUZ. Chernaya Metallurgiya, Vol 14,

No 2, 1971, pp 42-45

AIR/FTD-WF- HC-23-89-72

nov 72

Determination of the Diffusion Parameters for
Chromium When Vacuum Chromium Plating Low Car-
bon Steel, by E.P. Mokrov, P.N. Zakharov,
RUSSIAN, Izv. VUZ Chern Met., No 2, 1971,
pp 22-26.
BISI 9378

Aug 71

The Degassing of Cast Iron in an Ultrasonic F
Field, by S. K. Kantenik,
RUSSIAN, per. Izv. VUZ Chern. Met., No 1,
1971, pp 161-163,
BISI 9318

The Constituent Forms of Nitrogen in Cast Iron
and Methods of Determination, by L. I. Levi
and O. M. Borisova,
RUSSIAN, per. Izv. VUZ Chern Met., No 1, 1971,
pp 157-160.
BISI 9317

Jul 71

Influence of the Carbide Phase on the Properties of Chromium Die Steels, by Yu. A. Geller, RUSSIAN, per. Izv. VUZ Chern Met., No 1, 1971, pp 145-148.
BISI 9316

Jul 71

The Influence of Vanadium on the Structure of
High-Carbon Steel, by L. L. Pyatakova,
RUSSIAN, per. Izv. VUZ Chern Met., No 1, 1971,
pp 142-144,
BISI 9315

Jul 71

RECEIVED CHECK

7-2-3

TBH9

EFFECT OF THE CHAMBER WIDTH ON THE BEARING
CAPACITY OF A RADIAL HYDROSTATIC BEARING
GORYUNOV L V

UR: IZV: VUZ, AVIATIONNAIA TEKHNIKA, v 14,
nr 1, 1971, pp 137-142.

In process as
HS 72-23-0477

Negative
10 Mar 72

P. P. Arsent'yev

S. I. Filippov
Filippov

Viscosity characteristics of liquid iron. 6 pp.
RUSSIAN, per, Izvestiya VUZ. Chernaya Metallurgiya.
No 1, 1971, pp 123-125
AIR/FTD-HC-23-164-72

July 72

The Stress State in Forging with Flat and
Shaped Blocks, by G. D. Del',
RUSSIAN, per. Izv. VUZ Chern. Met., No 1, 1971-
pp 106-109.
BISI 9314

Jul 71

Effects of the Temperatures During Hot Rolling
on the Structure and Mechanical Properties of
Grade 08kp Steel, by V.P. Polukhin,
RUSSIAN, per. Izv. VUZ Chern Met., No 1, 1971,
pp 82-85.
BISI 9313

Sep 71

The Coefficient of Transverse Deformation During Elastic-Plastic Deformation, by M.A. Zaikov and Zh. M. Blednova, RUSSIAN, per. Izv VUZ Chern Met., No 1, 1971, pp 75-
BISI 9312

Jul 71

Thermal Effect During the Ladle Deoxidation
and Alloying of Steel-1, by I. P. Kazachkov,
RUSSIAN, per. Izv. VUZ Chern. Met., No 1,
1971, pp 68-70.
BISI 9311,

Jul. 71

Kinetics of the Sintering of Hematite, by
V. M. Sukhinina,
RUSSIAN, per. Izv. VUZ Chern Met., No 1, 1971,
pp 26-30.
BISI 9310

June 71

Electrical Conductivity of Slags Based on [Calcium]
Fluoride, by A. E. Koval', and N. M. Chuiko,
RUSSIAN, per. Izv. VUZ Chern Met., Vol 13, No 12,
1970, pp 71-74.
HB 8506

June 71

Methods Used and Some Results Obtained by
Simulation of the Hydrodynamics of Blowing
Argon Through Metal, by V.M. Shevekev,
and L. M. Kislitsina,
RUSSIAN, per. Izv VUZ Chern Met., Vol 13,
No 12, 1970, pp 46-50.
HB 8507

Sep 71

Influence of Blast Volume on the Loss in Pressure and Distribution of the Gas Flow in Large Blast Furnaces, by G.G. Efimenko, RUSSIAN, per. Izv VUZ Chern Met., Vol 13, No 12, 1970, pp 34-40.
HB 8505

Sep 71